

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|--------------------------------|------------------|---------|------------------|
| L1 | 2995167 | @ad<"20000121" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 12:58 |
| L2 | 4513 | 1 and keys! near3 (bank list store storage memory) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:20 |
| L3 | 934 | 2 and matrix | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:15 |
| L4 | 3 | ((@ad<"200001211" and 713/193. ccls.) and matri\$5 same base | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:15 |
| L5 | 45 | ((@ad<"200001211" and 713/193. ccls.) and matri\$5) and bits | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:15 |
| L6 | 891 | @ad<"200001211" and 713/193. ccls. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:19 |
| L7 | 160 | ((@ad<"200001211" and 713/193. ccls.) and (hash s-box)) and key with (generat\$5 schedul\$6) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:16 |
| L8 | 345 | 6 and ("xor" logical adj operation add subtract invert) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:20 |
| L9 | 502 | 3 and ("xor" logical adj operation add subtract invert) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:19 |
| L10 | 30 | 8 and matrix | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:20 |
| L11 | 502 | 9 and ("xor" logical adj operation add subtract invert) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:20 |
| L12 | 4513 | 2 and keys! near3 (bank list store storage memory) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:20 |
| L13 | 502 | 11 and matrix | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:20 |
| L14 | 53 | 6 and matrix | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:20 |
| S1 | 72 | ((@ad<"200001211" and 380/44. ccls.) and matri\$5 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/04/20 10:35 |

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| S2 | 52 | ((@ad<"200001211" and 380/44. ccls.) and matri\$5) and bits | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:15 |
| S3 | 1 | "5825886".pn. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/04/20 10:28 |
| S4 | 12 | (@ad<"200001211" and 380/44. ccls.) and matri\$5 same base | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:15 |
| S5 | 28 | @ad<"20000121" and key with generat\$6 and matrix same bits same rearrang\$4 same bits | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/04/20 11:05 |
| S6 | 1 | "3,506,783".pn. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/04/20 11:01 |
| S7 | 1 | "9705720" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/04/20 11:05 |
| S8 | 1 | "5003596".pn. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/04/20 11:05 |
| S9 | 2990647 | @ad<"20000121" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 08:44 |
| S10 | 179 | @ad<"20000121" and key adj selector | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 10:28 |
| S11 | 49 | s-box and key adj dependent | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 09:37 |
| S12 | 0 | (s-box and key adj dependent) and g^a | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 09:37 |
| S13 | 24 | (s-box and key adj dependent) and @ad<"20000121" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 10:00 |
| S14 | 18 | khufu and encrypt | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 10:01 |
| S15 | 1 | "5003597".pn. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 10:02 |
| S16 | 0 | (@ad<"20000121" and key adj selector) and s-box | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 10:25 |
| S17 | 5 | (@ad<"20000121" and key adj selector) and key with dependent | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 10:26 |

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| S18 | 343 | @ad<"20000121" and 380/44.ccls. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 10:28 |
| S19 | 22 | (@ad<"20000121" and 380/44.ccls.) and "xor" with key | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 11:00 |
| S20 | 194 | hash.ti. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 11:00 |
| S21 | 102 | hash.ti. and @ad<"20000121" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 11:00 |
| S22 | 73 | (hash.ti. and @ad<"20000121") and key | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 11:34 |
| S23 | 20 | (hash.ti. and @ad<"20000121") and key and (s-box encrypt\$5) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 12:26 |
| S24 | 2 | ("4944009" "5651069").PN. | USPAT | OR | ON | 2004/06/27 12:17 |
| S25 | 1 | hash same s-box | USPAT | OR | ON | 2004/06/27 12:18 |
| S26 | 33 | hash.ti. adj function.ti. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 12:26 |
| S27 | 2 | "5892829".URPN. | USPAT | OR | ON | 2004/06/27 13:05 |
| S28 | 44 | hash same compress\$4 same ("xor" logical adj operation add subtract) | USPAT | OR | ON | 2004/06/27 13:09 |
| S29 | 35 | (hash same compress\$4 same ("xor" logical adj operation add subtract)) and (bytes bits) | USPAT | OR | ON | 2004/06/27 13:09 |
| S30 | 4002732 | @ad<"200001211" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 13:10 |
| S31 | 35 | ((hash same compress\$4 same ("xor" logical adj operation add subtract)) and (bytes bits)) and @ad<"200001211" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 13:14 |
| S32 | 9 | @ad<"200001211" and transpos\$6 with (bits bytes) same hash | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 13:14 |
| S33 | 4 | ("5671284" "5740251" "5751810" "5835600").PN. | USPAT | OR | ON | 2004/06/27 13:17 |
| S34 | 436 | @ad<"200001211" and 380/44.ccls. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:16 |
| S35 | 14 | (@ad<"200001211" and 380/44. ccls.) and s-box | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 13:28 |

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| S36 | 11 | @ad<"200001211" and key adj generat\$6 same s-box | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 13:28 |
| S37 | 0 | "20030086564".URPN. | USPAT | OR | ON | 2004/06/27 13:32 |
| S38 | 2 | ("5003597" "5351299").PN. | USPAT | OR | ON | 2004/06/27 13:33 |
| S39 | 24 | "5511123".URPN. | USPAT | OR | ON | 2004/06/27 13:35 |
| S40 | 48 | key.ti. and generator.ti. | USPAT | OR | ON | 2004/06/27 13:41 |
| S41 | 0 | (key.ti. and generator.ti.) and s-box | USPAT | OR | ON | 2004/06/27 13:35 |
| S42 | 1 | (key.ti. and generator.ti.) and hash | USPAT | OR | ON | 2004/06/27 13:35 |
| S43 | 2 | key.ti. and schedul\$5.ti. | USPAT | OR | ON | 2004/06/27 13:43 |
| S44 | 10 | key adj schedul\$5 and hash and s-box | USPAT | OR | ON | 2004/06/27 13:43 |
| S45 | 529 | @ad<"200001211" and 380/46.ccls. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:26 |
| S46 | 749 | @ad<"200001211" and 380/28.ccls. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:25 |
| S47 | 18 | ((@ad<"200001211" and 380/46. ccls.) and (@ad<"200001211" and 380/28.ccls.) and hash | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:25 |
| S48 | 1 | ((@ad<"200001211" and 380/46. ccls.) and (@ad<"200001211" and 380/28.ccls.) and s-box | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:25 |
| S49 | 9 | ((@ad<"200001211" and 380/46. ccls.) and (@ad<"200001211" and 380/28.ccls.) and compression | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:25 |
| S50 | 4 | ((@ad<"200001211" and 380/46. ccls.) and (@ad<"200001211" and 380/28.ccls.) and transpos\$6 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:25 |
| S51 | 2311 | @ad<"200001211" and 713/200. ccls. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:26 |
| S52 | 381 | ((@ad<"200001211" and 713/200. ccls.) and (hash s-box) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:26 |
| S53 | 237 | ((@ad<"200001211" and 713/200. ccls.) and (hash s-box)) and key with (generat\$5 schedul\$6) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/20 13:16 |
| S54 | 4 | (((@ad<"200001211" and 713/200. ccls.) and (hash s-box)) and key with (generat\$5 schedul\$6)) and decrease with (bit byte) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:27 |
| S55 | 101 | (((@ad<"200001211" and 713/200. ccls.) and (hash s-box)) and key with (generat\$5 schedul\$6)) and DES | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/27 14:27 |

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| S56 | 2995167 | @ad<"20000121" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/12/16 15:37 |
| S57 | 16588 | S56 and bits with ("xor" logical adj operation add subtract) | USPAT | OR | ON | 2004/12/16 16:02 |